

Appl. No. 10/586,871
Amdt. dated April 6, 2009
Reply to Final Office action of Jan. 6, 2009

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-9. (Canceled)

10. (Currently amended) ~~The high-pressure pump according to claim 9~~ A high-pressure pump for a fuel injection system of an internal combustion engine, the pump comprising
- a housing with at least one pump element including a pump piston driven into a stroke motion by a drive shaft;
- the pump piston being guided so that it can slide in a cylinder bore of a housing part and delimiting a pumping chamber therein;
- a support element supporting the pump piston against the drive shaft;
- a prestressed return spring acting on both the pump piston and the support element in the direction toward the drive shaft,
- a receptacle contained in the same housing part that contains the cylinder bore, the support element being guided so that it can slide in the receptacle in the direction of the longitudinal axis of the pump piston, but cannot rotate around the longitudinal axis.

wherein an end of the cylinder bore oriented toward the drive shaft terminates at a plane containing a wall of the receptacle.

Claim 11. **(Canceled)**

12. **(Previously presented)** The high-pressure pump according to claim 10, wherein the receptacle is embodied in the form of at least one slot provided in the housing part.

Claim 13. **(Canceled)**

14. **(Previously presented)** The high-pressure pump according to claim 10, wherein the support element is embodied as at least approximately rectangular in cross section.

Claim 15. **(Canceled)**

Claim 16. **(Canceled)**

17. **(Previously presented)** The high-pressure pump according to claim 10, wherein the housing part comprises an extension that is at least approximately cylindrical, is oriented toward the drive shaft, and contains the cylinder bore and the receptacle.

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Claims 18-20. **(Canceled)**

21. **(Previously presented)** The high-pressure pump according to claim 17, wherein the return spring is a helical compression spring encompassing the extension of the housing part.

Claims 22-27. **(Canceled)**

28. **(Currently amended)** The high-pressure pump according to claim ~~[[9]]~~ 10, wherein the return spring is supported at least indirectly against the support element; and wherein the pump piston is coupled to the support element in the direction of its longitudinal axis.